

Deborah E. Sarabia

New Mexico Environment Department – Surface Water Quality Bureau
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EMPLOYMENT

Environmental scientist / specialist. Oct 2006 - present

Surface Water Quality Bureau, New Mexico Environment Department, Santa Fe, NM

Develop and revise surface water quality standards and criteria, conduct public outreach, coordinate with government agencies, write use attainability analyses, assist with routine water quality surveys. Project lead for lakes classification. Conducted Triennial Review revisions pertaining to tribes, contact designated use and new public water supply use. Project lead for water quality data, GIS data and mapping for statewide ONRW petition.

Editor. Oct 2005 - Jan 2006

Ecosystems Management, Inc., Albuquerque, NM

Finalized reports for three northern pueblos; including mapping, statistical analyses and interpretation of monitoring data. Consulted with pueblo staff to define management areas and create GIS layer. Consulted with Natural Resource Conservation Service to identify soil types in project area, cross-reference existing and revised ecological site descriptions, and obtain GIS soil files.

GIS specialist. Jan - Apr 2005

USDA Forest Service Regional Office, Albuquerque, NM

Ensured compliance of spatial and tabular GIS natural and cultural resources data with FGDC data standards. Created and managed metadata. Created ArcCatalog metadata template to import text and instructed coworkers on its use.

Acting district wildlife biologist detail. Mar 2002 - Sept 2003

USDA Forest Service, Santa Fe National Forest, NM.

Prepared biological assessments and evaluations. NEPA team member for wildland-urban interface project. Participated in community outreach. Assisted with TES species monitoring. Applied GIS in support of projects.

Biological science technician. May 2001 – Dec 2004

USDA Forest Service, Santa Fe National Forest, NM.

Spearheaded conversion of all Forest wildlife and TES plant data to digital format; self-taught on desktop ArcView 3.0. Provided spatial data, analyses and maps in support of Forest planning, range, natural resources, recreation and transportation. Coordinated with various staff specialists to ensure data accuracy. Responsible for forest-wide installation and implementation of Natural Resource Inventory System Fauna module and assisting forest and regional users.

EDUCATION

Master of Environmental Science, 1996. Miami University, OH.

Bachelor of Fine Arts in Photography, 1984. College of Design, Architecture and Art, University of Cincinnati, OH.